

RPA207Ra01 100µg
Recombinant Alanine Aminotransferase (ALT)
Organism Species: *Rattus norvegicus* (Rat)
Instruction manual

FOR RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Met1~Ser496

Tags: N-terminal His Tag

Subcellular Location: Cytoplasm

Purity: > 97%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 5% Trehalose .

Original Concentration: 200µg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 6.3

Predicted Molecular Mass: 56.4kDa

Accurate Molecular Mass: 56kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

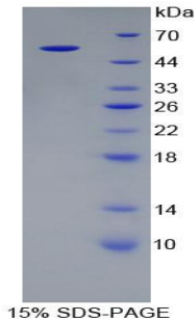
[SEQUENCE]

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GAYSISGGIQ PIREQVAQYI ERRDGGIPAD PNNIFLSTGA SDAIVTMLKL LVSGEGRART
GVLIPQYYP LYSAALAELE AVQVDYYLDE ERAWALDIAE LRRALCQARD RCCPRVLCVI
NPGNPTGQVQ TRECEIAVIR FAFKEGLFLM ADEVYQDNVY AEGSQFHSFK KVLMEMGPPY
STQQELASFH SVSKGYMGEC GFRGGYVEVV NMDAEVQKQM GKLSVRLCP PVPQQALMDM
VVSPPTPSEP SFKQFQAERQ EVLAELAACA KLTEQVFNEA PGIRCNPVQG AMYSFPQVQL
PLKAVQRAQE LGLAPDMFFC LCLLEETGIC VVPGSGFGQQ EGTYHFRMTI LPPMEKLRL
LEKLSHFHAK FTHEYS

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[IDENTIFICATION]



[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.